JOB PERFORMANCE MEASURE (JPM)

TASK CODE: CB0-027

TASK: Calibrate an RMS alpha CAM

TRAINEE: _____ **SSN:** _____

REFERENCES:

1- WP12-HP1225, Continuous Air Monitor Calibration

TERMINAL OBJECTIVE: Given that an alpha CAM requires calibration, calibrate the CAM IAW WP12-HP1225

CONSEQUENCES OF INADEQUATE PERFORMANCE (ABNORMAL CONDITIONS):

1- Improper CAM results

HAZARDS (PERSONNEL/EQUIPMENT SAFETY):

1- Electrical hazard

PRE-REQUISITE TRAINING / TASK COMPLETION:

1- CL 1.01 through CL 1.09,CL 1.13
2- CL 2.06, CL2.08, CL 2.18
3- CF0-125-JP, Perform a functional test on an RMS alpha CAM
4- CF0-125-JP,Operate an RMS alpha CAM
5- CF0-156-JP, Control a radioactive source
6- ELC103, Electrical safety
7- MED101, First aid / CPR

TOOLS/EQUIPMENT (MATERIALS REQUIRED):

1- Alpha CAM
2- Procedure WP12-HP1225
3- Calibration data sheet
4- DVM
5- Pu239 calibration source
6- Computer terminal

Instructions to Trainee: You shall acquire the necessary references and equipment, and complete all required documentation. Knowledge requirements shall be completed with 80% or greater accuracy. Critical step performance shall be completed with 100% accuracy.

Instructions to Evaluator: The trainee is to perform the terminal objective, without assistance, on the job site. Provide clarification of requirements if requested by trainee. You are encouraged to ask relevant questions to verify trainee understanding. If a trainee fails this JPM, clearly document the reason for failure and forward to the trainee's manager. Successful completion of this JPM shall be recorded on the trainee's certification card.

KNOWLEDGE REQUIREMENTS:

Ref.	Knowledge requirement	P/F
1	State the frequency of calibration for a RMS alpha CAM	
1	State your actions if the alpha CAM fails the calibration	

PERFORMANCE REQUIREMENTS:

Ref.	CRITICAL STEPS	P/F
1	Determine the Radium "C" channel	
1	Determine the peak plutonium channel	
1	Secure air flow to the CAM	
1	Connect the flow calibrator to CAM	
1	Connect the computer terminal to the CAM	
1	Load the default and WIPP parameters into the Alpha 6/6A	
1	Determine the airflow cal value	
1	Determine the air flow null value	
1	Measure the flash converter reference value	
1	Complete the CAM calibration data sheet	

FINAL EVALUATION: PASS FAIL

COMMENTS:

EVALUATOR SIGNATURE: _____ **DATE:** _____

STUDENT SIGNATURE: _____ **DATE:** _____

MANAGER SIGNATURE: _____ **DATE:** _____